



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ryo Ito, et al.

Examiner: Unassigned

Serial No: 10/007,015

Art Unit: 2681

Filed: December 4, 2001

Docket: 15144

For: WIRELESS COMMUNICATION
DEVICE WITH AN IMPROVED
ANTENNA STRUCTURE

Dated: November 5, 2002

Assistant Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

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NOV 14 2002

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

- ✓ 1. European Patent Application No. 0 246 026 A2, dated November 19, 1987;
- ✓ 2. United Kingdom Patent Application No. 2 255 460 A , dated November 4, 1992;
- ✓ 3. United States Patent No. 5,367,311, dated November 22, 1994;
- ✓ 4. European Patent Application No. 0 924 795 A1, dated June 23, 1999;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on November 5, 2002.

Dated: November 5, 2002

Michelle Mustafa

- 5. United Kingdom Patent Application No. 2 345 209 A, dated June 28, 2000;
- 6. United States Patent No. 6,147,652, dated November 14, 2000;
- 7. International Patent Application No. WO 01/26181 A1, dated April 12, 2001; and
- 8. International Patent Application No. WO 02/29988 A1, dated April 11, 2002.

The references were cited in a Search Report received from the United Kingdom Patent Office dated September 17, 2002. Applicant is submitting copies of the above-cited references, together with a copy of the Search Report. The relevance of the above-identified references has been described in the Search Report.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



Paul J. Esatto, Jr.
Registration No. 30,749

Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

PJE:dg



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ryo Ito, et al.

Examiner:

Unassigned

Serial No.: 10/007,015

Group Art Unit:

2681 **RECEIVED**

Filed: December 4, 2001

Docket:

15144 SEP 12 2003

For: WIRELESS COMMUNICATION
DEVICE WITH AN IMPROVED
ANTENNA STRUCTURE

Technology Center 2600

Dated:

September 9, 2003

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R §§1.97 and 1.98, it is requested that the following reference, which is also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Abstract of PCT International Publication No. WO 99/22420, dated May 6, 1999.

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box 1450, Alexandria, VA 22313-1450 on September 9, 2003.

Dated: September 9, 2003

Paul J. Esatto, Jr.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ryo ITO, et al.

Examiner: Unassigned

Serial No.: 10/007,015

Art Unit: 2681

Filed: December 4, 2001

Docket: 15144

For: WIRELESS COMMUNICATION
DEVICE WITH AN IMPROVED
ANTENNA STRUCTURE

Dated: April 6, 2004

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Confirmation No.: 7932

APR 12 2004

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R §§1.97 and 1.98, it is requested that the following reference, which is also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. European Patent Application No. EP 0 694 984 A1, published January 31, 1996, together with English language translation.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 6, 2004.

Dated: April 6, 2004

Paul J. Esatto, Jr.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 7-50) PATENT AND TRADEMARK OFFICE

**LIST OF PRIOR ART
CITED BY APPLICANT**

(Use several sheets if necessary)



Atty. Docket No. (Optional)

15144

Application Number

10/007,015

Applicant(s)
Ryo ITO, et al.

Filing Date
December 4, 2001

Group Art Unit
2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						RECEIVED
	AC						JUL 09 2004
	AD						
	AE						Technology Center 2600

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KW	Chinese Office Action dated April 2, 2004 with English language translation

EXAMINER

Changyan

DATE CONSIDERED

2/5/2005

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.